In the Abstract:

ABSTRACT OF THE DISCLOSURE

~~The invention relates to a~~ A ~~method~~ of automatically classifying alerts issued by intrusion detection sensors (11a, 11b, 11c) of an information security system (1) for producing collated alerts, each alert being defined by a plurality of qualitative attributes $(a_1,...,a_n)$ belonging to a plurality of attribute domains $(A1,..., An)$~~, which method comprises the following steps:~~ . ~~organizing the attributes~~ Attributes belonging to each attribute domain are organized into a hierarchical structure[[;]]. ~~constructing for~~ For each alert issued by the intrusion detection sensors (11a, 11b, 11c), a trellis specific to that alert is constructed by generalizing each alert in accordance with each of its attributes and at all the levels of the hierarchical structure[[;]] ~~iteratively merging each.~~ Each specific trellis is iteratively merged into a general trellis[[;]]. ~~identifying collated~~ Collated alerts in the general trellis are identified by selecting the alerts that are simultaneously the most pertinent and the most general~~; and supplying the~~ .The collated alerts are supplied to an output unit (23) of an alert management system (13).

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